

Appl. No. 10/623779
Reply to Office action of 11/01/2005

Attorney Docket No. SEUS1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (cancel)

2. (currently amended): The anti-snoring device as claimed in claim 15, wherein said compressed air is fed through an air humidifier before reaching said snore-reducing nasal air cannula.

3. (original): The anti-snoring device as claimed in claim 2, whercin the air humidifier comprises a water bath and a temperature control controlling the temperature of the water bath and hence the degree of air humidification.

4. (currently amended): The anti-snoring device as claimed in claim 15, wherein said tube is long enough so that the compressor may be located not in a bedroom where said sleeping person sleeps but in an adjacent room.

5. (currently amended): The anti-snoring device as claimed in claim 15, whercin said compressor comprises a control controlling an angular speed of a turbine of said compressor, thereby controlling flow of air through the nasal air cannula.

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6. (currently amended): The anti-snoring device as claimed in claim 15, wherein said tube comprises a throttling valve controlling pressure drop across said tube and thereby flow of air through the tube.
7. (currently amended): The anti-snoring device as claimed in claim 15, further comprising a bypass valve running from the tube into ambient in such manner that flow of air through the snore-reducing nasal air cannula is controlled by said bypass valve.
8. (currently amended): The anti-snoring device as claimed in claim 15, wherein said tube comprises an inside diameter of less than 10 mm.
9. (currently amended): The anti-snoring device as claimed in claim 15, wherein said tube comprises an inside diameter of 4 mm and an outside diameter of 6 mm.
10. (original): The anti-snoring device as claimed in claim 2, wherein said tube comprises a segment of substantial length exhibiting a widened diameter of 10 to 20 mm.
11. (original): The anti-snoring device as claimed in claim 2, wherein said tube is long enough so that the compressor may be located not in a bedroom where said sleeping person sleeps but in an adjacent room and wherein said air humidifier is configured in the vicinity of the sleeping person.

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12. (original): The anti-snoring device as claimed in claim 2, wherein the compressor and the air humidifier are integrated into one apparatus.

13. (cancel)

14. (previously presented): A method of reducing snoring during sleeping comprising:

providing a compressor and a tube connected to said compressor;
providing a snore-reducing nasal air cannula connected to said tube;
attaching said snore-reducing nasal air cannula to a sleeping person's nose;
feeding compressed air from said compressor through said tube to said snore-reducing air cannula and thereby to said sleeping person's nose; and
wherein said snore-reducing cannula comprises an outlet said outlet having a jacket pipe,
wherein said jacket pipe has an end near said sleeping person's nose and said end is
configured so that during operation it seals substantially tightly said sleeping person's
nose, and wherein a nozzle is configured in the jacket pipe, said nozzle allowing blowing
air toward said end of the jacket pipe near said sleeping person's nose and wherein said
jacket pipe further comprises an inside wall having a narrowing between said nozzle and
said end near said sleeping person's nose and then flaring out from said narrowing toward
said end near said sleeping person's nose and thereby forming a diffusor.

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15. (previously presented): An anti-snoring device comprising a compressor and a tube connected to said compressor, wherein said compressor feeds compressed air through said tube to a snore-reducing nasal air cannula and said snore-reducing nasal air cannula in turn applies said compressed air into a sleeping person's nose and wherein said snore-reducing nasal air cannula comprises,

an outlet said outlet having a jacket pipe, wherein said jacket pipe has an end near said sleeping person's nose and said end is configured so that during operation it seals substantially tightly -said sleeping person's nose, and wherin a nozzle is configured in the jacket pipe, said nozzle allowing blowing air toward said end of the jacket pipe near said sleeping person's nose and wherin said jacket pipe further comprises an inside wall having a narrowing between said nozzle and said end near said sleeping person's nose and then flaring out from said narrowing toward said end near said sleeping person's nose and therby forming a diffusor.

16. (cancel)

17. (cancel)

18. (previously presented): A snore-reducing nasal air cannula comprising,
an outlet said outlet having a jacket pipe, wherein said jacket pipe has an end near a patients' nose and said end is configured so that during operation it seals substantially tightly the patient's nose, and wherin a nozzle is configured in the jacket pipe, said nozzle allowing blowing air toward said end of the jacket pipe near the

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patient's nose and, wherein said jacket pipe further comprises an inside wall having a narrowing between said nozzle and said end near the person's nose and then flaring out from said narrowing toward said end near the person's nose and thereby forming a diffusor.

19. (previously presented): The nasal air cannula as claimed in claim 18, further comprising a measuring tubule fitted with an aperture in the vicinity of said end near the patient's nose, said measuring tubule allowing measuring pressure in the nose of the patient.

20. (previously presented): The method of claim 14, further comprising providing an air humidifier and passing said compressed air through said air humidifier before feeding said compressed air to said sleeping person's nose.